

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	40	multiplexer same (bias near2 switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:19
L3	3	"365"/154,203,189.09,230.02, 230.06.ccls. and SRAM and (multiplexer near switch\$3) and (bias near potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:27
L4	2	SRAM and (multiplexer near switch\$3) and deactivat\$3 and (bias near potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:28
L5	5	SRAM and (multiplexer near switch\$3) and (bias near potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:29
L6	76	"365"/154,203,189.09,230.02, 230.06.ccls. and SRAM and (cross-coupled) and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:35
L7	74	"365"/154,203,189.09,230.02, 230.06.ccls. and SRAM and (cross-coupled) and (row with decod\$3) and (Mux or multiplexer) and (potential or voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:35
L8	2	"365"/154,203,189.09,230.02, 230.06.ccls. and SRAM and (cross-coupled) and (row with decod\$3) and (Mux or multiplexer) and (potential or voltage) and (bias near2 switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:36
L9	66	"365"/154,203,189.09,230.02, 230.06.ccls. and SRAM and (cross-coupled) and (row with decod\$3) and (Mux or multiplexer) and (potential or voltage) and switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:49

## EAST Search History

L10	143	SRAM and cross-coupl\$3 and (reduc\$3 with cell with leakage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:51
L11	49	"365""/154,203,189.09,230.02, 230.06.ccls. and SRAM and cross-coupl\$3 and (reduc\$3 with cell with leakage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:57
L12	13	"365""/154,203,189.09,230.02, 230.06.ccls. and SRAM and cross-coupl\$3 and multiplex\$3 and (reduc\$3 with cell with leakage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:57
L13	7	("4764897"   "5257236"   "5581500"   "5610870"   "5621693"   "5986923"   "6172901").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 12:58
L14	13	("5020029"   "5153852"   "5222039"   "5452246"   "5461713"   "5471421"   "5583821"   "5732015"   "5790452"   "5790461"   "5828597"   "5837573"   "5939762").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 13:29
L17	0	SRAM same switch\$3 same (logic near2 circuitry) near5 deactivat\$3 same (potential or voltage) same wordline near2 high	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 13:33
L18	422	SRAM and switch\$3 and (logic near2 circuitry) and deactivat\$3 and (potential or voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 13:34
L19	37	"365""/154,203,189.09,230.02, 230.06.ccls. and SRAM and switch\$3 and (logic near2 circuitry) and deactivat\$3 and (potential or voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 13:34
S1	93	SRAM and cross-coupl\$3 same nodes same pull-up same pull-down	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:50

## EAST Search History

S2	1	SRAM and cross-coupl\$3 same nodes same pull-up same pull-down and (SL or (select\$3 adj2 bias))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 10:58
S3	25	SRAM and cross-coupl\$3 same nodes same pull-up same pull-down and (SL or (select\$3 adj2 bias) or (select\$3 adj2 line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 10:57
S4	36	SRAM and cross-coupl\$3 same nodes same pull-up same (pull-down with source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:08
S5	11	SRAM and cross-coupl\$3 same nodes same (6-transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 12:23
S6	1311	SRAM and cross-coupl\$3 same nodes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 12:27
S7	277	SRAM and cross-coupl\$3 same nodes and pull-up and pull-down	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 12:39
S8	149	SRAM and cross-coupl\$3 same nodes and pull-up and pull-down and (SL or (select\$3 adj2 line) or (control\$4 adj2 line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/04 12:40
S9	37	(SRAM with (cross-coupled)) and ((code adj2 portion) or decode) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 16:33

## EAST Search History

S10	34	(SRAM with (cross-coupled)) and (row adj2 decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 16:39
S11	41	(SRAM with (cross-coupled)) and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 16:42
S12	380	SRAM and (cross-coupled) and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:35
S13	101	SRAM same (cross-coupled) and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 17:39
S14	2241	SRAM and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 17:39
S15	1409	"365"/\$.ccls. and SRAM and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 17:40
S16	9	"365"/\$.ccls. and SRAM and cross\$1couple and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 17:42
S17	11	SRAM and cross\$1couple and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 17:46

## EAST Search History

S18	427	SRAM and cross\$1coupl\$3 and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/06 17:46
S19	34	(SRAM with (cross-coupled)) and (row adj2 decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 15:49
S20	34	(row adj2 decod\$3) and (Mux or multiplexer) and (SRAM with (cross-coupled))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 16:13
S21	41	(row with decod\$3) and (Mux or multiplexer) and (SRAM with (cross-coupled))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/08 16:14
S22	41	(SRAM with (cross-coupled)) and (row with decod\$3) and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 20:40
S23	56	(SRAM with (cross-coupled)) and decod\$3 and (Mux or multiplexer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 20:52
S24	77	(SRAM with (cross-coupled)) and decod\$3 and (Mux or multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 20:52
S25	801	((row near decod\$3) same multiplex\$3) and SRAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:59

## EAST Search History

S26	39	S25 and (cross\$3 near coupl\$3) and bias and standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 16:45
S27	37	S26 and "365"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:21
S28	1	((row near decod\$3) same multiplex\$3) and SRAM and (cross\$3 near coupl\$3) and (bias with standby)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:41
S29	5	((row near decod\$3) same multiplex\$3) and SRAM and (cross\$3 near coupl\$3) and (bias same standby)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:41
S30	1	("6341098").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:42
S31	93	((row near decod\$3) same multiplex\$3) and SRAM and bias and standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 16:45
S32	46	((row near decod\$3) same multiplex\$3) and SRAM and (bias same standby)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:16
S33	13828	tang.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:28

## EAST Search History

S34	8	tang.in. and "365"/\$.ccls. and SRAM and (cross\$3 near coupl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:31
S35	56	S31 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:35
S36	31	((row near decod\$3) with multiplex\$3 with between) and SRAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:35
S37	74	SRAM and (cross\$3 adj2 coupl\$3) and node\$1 and pull-down and bias and standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:43
S38	4	SRAM and (cross\$3 adj2 coupl\$3) same node\$1 same pull-down same bias same standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:40
S39	4	SRAM and (cross\$3 adj2 coupl\$3) same node\$1 same pull-down same bias and standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:40
S40	26	SRAM and (cross\$3 adj2 coupl\$3) and node\$1 and pull-down and bias and standby and decod\$3 and multiplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 16:34
S41	26	SRAM and (cross\$3 adj2 coupl\$3) and node\$1 and pull-down and bias and standby and decod\$3 and (Mux or multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 16:38

## EAST Search History

S42	29	SRAM and (cross\$3 adj2 coupl\$3) and pull-down and bias and standby and decod\$3 and (Mux or multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 16:38
S43	74	"365"/\$.ccls. and ((row near decod\$3) same multiplex\$3) and SRAM and bias and standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:04
S44	38	"365"/\$.ccls. and ((row near decod\$3) same multiplex\$3) and SRAM and pull-down and bias and standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:05
S45	48	"365"/\$.ccls. and SRAM and cross-coupl\$3 same nodes same pull-up same pull-down	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:12
S46	2	S45 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:12
S47	2	"365"/\$.ccls. and SRAM and cross-coupl\$3 same nodes same pull-up same pull-down same bias same standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:15
S48	2	SRAM and cross-coupl\$3 same nodes same pull-up same pull-down same bias same standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:16
S49	4	SRAM and cross-coupl\$3 same nodes same pull-down same bias same standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:18



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S50	4	SRAM and cross-coupl\$3 same pull-down same bias same standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:18
S51	4	SRAM and cross-coupl\$3 and pull-down same bias same standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:18
S52	15	SRAM and cross-coupl\$3 and pull-down and bias same standby	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 17:24
S53	2	SRAM and cross-coupl\$3 same nodes same pull-up same (pull-down with source) same (standby or (sleep adj mode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:10
S54	9	SRAM and pull-up same (pull-down with source) same (standby or (sleep adj mode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:13
S55	4	("4841481"   "5254870"   "5400277"   "5745404").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 09:12
S56	29	SRAM and pull-up same pull-down same (standby or (sleep adj mode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 09:13
S57	6	("5689468"   "5715191"   "5757702"   "6184548"   "6229753"   "6333874").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 09:35
S58	6	("5689468"   "5715191"   "5757702"   "6184548"   "6229753"   "6333874").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 09:47

## EAST Search History

S59	2	"6,515893".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 11:12
S60	2	"6,911682".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 12:49
S61	6	2003/0081492	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:28
S62	2	"6,515893".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 17:45
S63	1790	SRAM and (multiplexer with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 18:00
S65	5	SRAM and (multiplexer with switch\$3 with wordline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 17:52
S66	11	SRAM and (multiplexer with switch\$3 same wordline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 17:52
S67	507	SRAM and (multiplexer near switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 18:00

## EAST Search History

S68	162	"365"/\$.ccls. and SRAM and (multiplexer near switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 13:54
S69	0	benefit near activat\$3 near deactivat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:29
S70	70	benefit with activat\$3 with deactivat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:29
S71	0	benefit with activat\$3 with deactivat\$3 with multiplexer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:29
S72	3	multiplexer with (bias near switch\$3) same (wordline or word\$line or word-line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 17:18
S73	3	multiplexer with (bias near switch\$3) same (wordline or word\$line or word-line or (word adj line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 17:18
S74	5	multiplexer with (bias with switch\$3) same (wordline or word\$line or word-line or (word adj line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 17:37
S75	11	("20010005326"   "20020093847"   "5274583"   "5307304"   "5381364"   "5768180"   "5880989"   "6128039"   "6301145"   "6310812"   "6333870").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 17:29

## EAST Search History

S76	27	multiplexer with (bias near2 switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 18:03
S77	189	multiplexer with (bias with switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 17:40
S78	1	multiplexer with compris\$3 with (bias near2 switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 18:04
S79	3	("4985703"   "5126596"   "5162666").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 18:06
S80	2	"5,625303".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 06:53
S81	42	"365"/154,203,189.09,230.02, 230.06.ccls. and SRAM and (multiplexer near switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 12:20